



Corina Danciu



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„Victor Babeș” University of Medicine and Pharmacy Timisoara, Eftimie Murgu Square, No. 2, 300041, Timisoara, Romania
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PROFESSIONAL EXPERIENCE

2021 – PRESENT – Timisoara, Romania

PROFESSOR, HEAD OF DEPARTMENT OF PHARMACOGNOSY-PHYTOTHERAPY – „VICTOR BABEȘ” UNIVERSITY OF MEDICINE AND PHARMACY TIMISOARA, FACULTY OF PHARMACY

Academic activity and scientific research

September 2024 – PRESENT – Timișoara, România

DIRECTOR OF THE DOCTORAL SCHOOL OF PHARMACY – „VICTOR BABEȘ” UNIVERSITY OF MEDICINE AND PHARMACY TIMISOARA, FACULTY OF PHARMACY

Organizational and administrative activity

2020– 2023 – Timisoara, Romania

HEAD OF DEPARTMENT II – „VICTOR BABEȘ” UNIVERSITY OF MEDICINE AND PHARMACY TIMISOARA, FACULTY OF PHARMACY

Organizational and administrative activity

2018 – PRESENT – Timisoara, Romania

HABILITATION DEGREE (OMEN nr. 3412/22.03.2018) – „VICTOR BABEȘ” UNIVERSITY OF MEDICINE AND PHARMACY TIMISOARA, FACULTY OF PHARMACY

Coordination of doctoral theses

September 2024 – PRESENT - Timisoara, Romania

MEMBER OF THE DOCTORAL SCHOOL OF PHARMACY COUNCIL - „VICTOR BABEȘ” UNIVERSITY OF MEDICINE AND PHARMACY TIMISOARA, FACULTY OF PHARMACY

Organizational and administrative activity

2020–2024 – Timisoara, Romania

MEMBER OF THE CSUD DOCTORAL UNIVERSITY COUNCIL- „VICTOR BABEȘ” UNIVERSITY OF MEDICINE AND PHARMACY TIMISOARA

Organizational and administrative activity. Habilitation theses evaluation. Doctoral theses evaluation

2016 – 2021 – Timisoara, Romania

ASSOCIATE PROFESSOR – „VICTOR BABEȘ” UNIVERSITY OF MEDICINE AND PHARMACY TIMISOARA, FACULTY OF PHARMACY

Academic activity and scientific research

2014 – 2016 – Timisoara, Romania

SENIOR LECTURER – „VICTOR BABEȘ” UNIVERSITY OF MEDICINE AND PHARMACY TIMISOARA, FACULTY OF PHARMACY

Academic activity and scientific research

2009 – 2014 – Timisoara, Romania

ASSISTANT PROFESSOR – „VICTOR BABEȘ” UNIVERSITY OF MEDICINE AND PHARMACY TIMISOARA, FACULTY OF PHARMACY

Academic activity and scientific research

2008 – 2009 – Timisoara, Romania

PHARMACIST – S.C.FARMADO S.R.L., Nicolae Palescu street, no. 1

● **EDUCATION AND PROFESSIONAL FORMATION**

2017 (thesis presentation) – 2018 (obtaining the diploma)

HABILITATION DEGREE – „GRIGORE T. POPA” UNIVERSITY OF MEDICINE AND PHARMACY, IAȘI-
Pharmacy domain

Research studies on the anticancer activity of pure natural compounds or total extracts, as well as modern approaches for optimizing their therapeutic efficacy

2009 – 2013

DOCTOR IN MEDICAL SCIENCES – PhD conducted between „VICTOR BABEȘ” UNIVERSITY OF MEDICINE AND PHARMACY TIMISOARA and CLINIC OF THE „GOETHE UNIVERSITY”, FRANKFURT, GERMANY

In vitro-in vivo correlations regarding the recovery of skin lesions type malignant melanoma by isoflavonoid genistein

EXTERNAL INTERNSHIP (8 MONTHS), PROJECT POSDRU/88/1.5/S/63117, CLINIC OF THE „GOETHE UNIVERSITY” FRANKFURT, GERMANY, DEPARTMENT OF IMMUNE PHARMACOLOGY AND TOXICOLOGY

Competence to work with cell cultures – *in vitro* techniques for evaluation of antiproliferative and pro-apoptotic effect

SHORT-TERM INTERNSHIPS at UNIVERSITY OF MEDICINE AND PHARMACY FROM SZEGED, FACULTY OF PHARMACY, SZEGED, UNGARIA

Competence to work with cell cultures – *in vitro* techniques for evaluation of antiproliferative and pro-apoptotic effect

2010 – 2011

TEACHER TRAINING MODULE – „AUREL VLAICU” UNIVERSITY FROM ARAD

Module for teaching staff training

2003 – 2008

BACHELOR OF PHARMACY – „VICTOR BABEȘ” UNIVERSITY OF MEDICINE AND PHARMACY TIMISOARA, FACULTY OF PHARMACY

Assimilating theoretical and practical knowledge for practicing pharmacists, pharmaceutical sciences teacher, researcher

1999 – 2003

HIGHSCHOOL DIPLOMA – „MOISE NICOARĂ” NATIONAL COLLEGE, ARAD

Mathematics and computer science

● LINGUISTIC COMPETENCES

Mother language: ROMANIAN

Foreign languages:

	UNDERSTANDING		TALKING		WRITING
	Listening	Reading	Written discourse	Conversations	Writing
ENGLISH	C1	C1	C1	C1	C1
FRENCH	B2	B2	B2	B2	B2

Levels: A1 and A2 Basic user; B1 and B2 Independent user; C1 and C2 Experienced user

● DRIVER LICENSE

Category: B

● SOCIAL SKILLS AND COMPETENCES

Social competencies and developed skills

Increased capacity for adaptation, assimilation, collaboration, communication, entrepreneurial, social, and efficient spirit. Good organizational skills, gained in the professional context.

● SKILLS AND COMPUTER USE

Microsoft Office (Word, Excel, PowerPoint), GraphPad, FlowJo, Zotero, Photoshop

● NETWORKS AND AFFILIATIONS

2020 – 2023, „VICTOR BABEȘ" UNIVERSITY OF MEDICINE AND PHARMACY TIMISOARA, FACULTY OF PHARMACY

MEMBER OF THE BOARD OF THE FACULTY OF PHARMACY

2016 – PRESENT, „VICTOR BABEȘ" UNIVERSITY OF MEDICINE AND PHARMACY TIMISOARA, FACULTY OF PHARMACY

MEMBER OF THE COUNCIL OF DEPARTMENT II

2014 – PRESENT, „VICTOR BABEȘ" UNIVERSITY OF MEDICINE AND PHARMACY TIMISOARA, FACULTY OF PHARMACY

COORDINATOR OF THE DISCIPLINE OF PHARMACOGNOSY-PHYTOTHERAPY

„VICTOR BABEȘ" UNIVERSITY OF MEDICINE AND PHARMACY TIMISOARA, FACULTY OF PHARMACY

MEMBER OF THE COMMISSION OF STRATEGY, REFORM AND CURRICULAR DEVELOPMENT

„VICTOR BABEȘ" UNIVERSITY OF MEDICINE AND PHARMACY TIMISOARA, FACULTY OF PHARMACY

MEMBER OF THE LICENSING COMMISSION

„VICTOR BABEȘ" UNIVERSITY OF MEDICINE AND PHARMACY TIMISOARA, FACULTY OF PHARMACY

MEMBER OF THE COMMISSION FOR THE GUIDANCE OF DOCTORAL STUDENTS

„VICTOR BABEȘ" UNIVERSITY OF MEDICINE AND PHARMACY TIMISOARA
MEMBER OF EVALUATION COMMITTEES FOR JOB COMPETITIONS

„VICTOR BABEȘ" UNIVERSITY OF MEDICINE AND PHARMACY TIMISOARA
MEMBER OF INSTITUTIONAL ACCREDITATION COMMISSIONS

Member of the College of Pharmacists from Romania (Timis branch), Society of Pharmaceutical Sciences from Romania, Phytochemical Society of Europe (PSE), Association for Medicinal and Aromatic Plants of Southeast European Countries (AMAPSEEC)

● **PROJECTS**

2020-2022 – 3POSTDOC/1238/2020, *Populi gemmae* – a double gain for the pharmaceutical field: therapeutic potential and bio-source for green synthesis of silver nanoparticles

PROJECT DIRECTOR

2020-2023 – PN-III-P1-1.1-TE-2019-0130, Innovative hydrogels containing polymeric micelles as drug delivery systems for oregano essential oil: an advanced pharmaceutical approach for the management of skin tags

PROJECT DIRECTOR

2012-2014 – UMFT-15250-2012, A new phytopharmaceutical approach for murine melanoma: incorporation of isoflavone genistein in nanostructures with target delivery for the PDGF β receptor

PROJECT DIRECTOR

2016-2018 – Partners in fundamental innovative research - PIII-C2-PCFI-2015/2016 – FLAVOFORM, New pharmaceutical approaches for modulating the bioavailability of certain flavonoids with chemopreventive potential for malignant melanoma

PROJECT MEMBER

2014-2015 – DocMed.Net_2.0, POSDRU/159/1.5/S/136893, Strategic partnership for better quality of scientific research from medical universities by awarding doctoral and postdoctoral fellowships

PROJECT MEMBER

2010-2013 – POSDRU/88/1.5/S/63117, Doctoral fellowships for competitive PhD in the European area of research

PROJECT MEMBER

2013-2015 – Bilateral cooperation III Nr. 665-22.04.2013, Evaluation of the impact of UV radiation and antitumor therapy for dermal fibroblasts and cutaneous experimental cancer

PROJECT MEMBER

2013-2015 – Bilateral cooperation III Nr.674-22.04.2013, Evaluation of some modern pharmaceutical formalities obtained by complexation of selected pentacyclic triterpenes functionalized polysaccharide derivatives

PROJECT MEMBER

2014-2016 – International bilateral project between Romania and France, in collaboration with the Pharmacognosy Laboratory of Faculty of Pharmacy, University of Marseille, Contract RO-FR 789/30.06.2014, „Nanostructures with aurones, chalcone and standardization plant extracts: development of a new prototype agent with chemopreventive and anti-inflammatory”

PROJECT MEMBER

2016-2018 – PN-III-P2-2.1-BG-2016-0354, Financing contract 115/2016, Formulations based on betulin and gold nanoparticles to combat skin aging

PROJECT MEMBER

III-C5-PCFI-2017/2018-04, Antiinflammatory, chemopreventive and antitumoral potential in breast cancer models of standardized plant extracts from *Melissa officinalis* L. in nanoformulations with cyclodextrins

PROJECT MEMBER

CNFIS-FDI-2018-0159, Center for the development of practical skills in the field of medicinal plants

PROJECT MEMBER

CNFIS-FDI-2019-0393, Center for professional development in the field of dermatocosmetic products based on medicinal plants

PROJECT MEMBER

2020-2023 – 5DOC/1425/03.02.2020, A comprehensive *in vitro* and *in vivo* evaluation of *Aronia melanocarpa* (Michx.) Elliott standardized bio juice on blood pressure levels and endothelial damage. A prospective study

PROJECT MEMBER

2020-2023 – 1EXP-1233/ 30.01.2020, Lupeol as bioactive natural compound in the local treatment of wounds and inflammation from mild to severe pathologies: experimental evaluations and market pre-proposal

PROJECT MEMBER

2020-2023 – PN-III-P1-1.1-TE-2019-0960, *In vitro* absorption and bioavailability of anthocyanins and their metabolites

PROJECT MEMBER

● PUBLICATIONS

Scientific articles, abstracts, books and chapters in international publishers

In extenso articles in ISI indexed journals: 115

In extenso articles in BDI indexed journals: 11

Abstracts in the volumes of national/international conferences/lectures: 147

Books/chapters in international publishers: 16

H INDEX = 29 (WOS); 36 (Google Scholar)

● HONORARY DISTINCTIONS AND AWARDS

Silver medal for the work: *In vitro* antibacterial activity of some plant essential oils from *Cupressaceae* family, Euroinvent, European exhibition of creativity and innovation, 10th edition, 17-19 May 2018, Iasi, Romania

Award for special contribution in the scientific research activity – National Congress of Pharmacy, 16th edition, Center of the Interdisciplinarity of Life Sciences, 28 September-01 October 2016, Bucharest, Romania

Third Prize for special merits in the scientific activity – „Victor Babeș” University of Medicine and Pharmacy Timisoara, UMF Days, 21-22 November 2013, Timisoara, Romania

Prize for the best paper section of foreign doctoral students, The phytochemical society of Europe travel grant for PhD students, title: The influence of isoflavonoid genistein incorporated in hydroxy-propyl-gamma-cyclodextrin on experimental B164A5 murine melanoma model on mice, The International PSE Symposium on Phytochemicals in Nutrition and Health, 27-30 September 2011, Bary, Italy

45 articles rewarded UEFISCDI (Executive Unit for the Financing of Higher Education, Research, Development and Innovation)-CNCS (National Council for Scientific Research) published in Q1/Q2 indexed journals according to JCR (2013-2024)

● SUPPLEMENTARY INFORMATION

Invited speaker within the manifestation „The 3rd International Electronic Conference on Plant Sciences (IECPS 2024)”, 15–17 January 2024, Organizer: MDPI

Member of the scientific board within the manifestation „Natural Products for Cancer Prevention and Therapy (NPCPT 2024)”, 07-09 June 2024, Cappadocia, Turkey

Member of the scientific board within the manifestation „Symposium of Young Researchers on Pharmaceutical Technology, Biotechnology and Regulatory Science”, 18-20 January 2023, Szeged, Hungary

Moderator of scientific sessions at national/international conferences, member of the scientific and organizing committee of 7 workshops

Member of the evaluation committee: Scientific Paper Presentation – Pharmaceutical Sciences (oral presentation), International Congress of Scientific Communications for Students, Young Doctors and Pharmacists, Marisiensis, 23rd edition, 27-31 March 2019

Member of the evaluation committee: Scientific Paper Presentation – Pharmaceutical Sciences (poster presentation), International Congress of Scientific Communications for Students, Young Doctors and Pharmacists, Marisiensis, 23rd edition, 27-31 March 2019

Member of the editorial board for ISI pubmed journals:

- **Plants (MDPI)** (ISSN 2223-7747), **IF (2024): 4.5**
 - **Experimental and therapeutic medicine** (Spandidos Publications) - Print ISSN: 1792-0981
Online ISSN: 1792-1015, **IF (2024): 2.7**
 - **Antioxidants (MDPI)**, (ISSN 2076-3921) **IF (2024): 6**
 - **Molecular medicine reports** (Spandidos Publications) - Print ISSN: 1791-2997
Online ISSN: 1791-3004, **IF (2024): 3.4**
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Guest editor of ISI journals:

- **Anticancer agents in medicinal chemistry**, ISSN: 1875-5992 (Online), 2017-2018; ISSN: 1871-5206 (Print), **IF (2021): 2.527**; Thematic Issue: New approaches to cancer chemoprevention
 - **Anticancer agents in medicinal chemistry**, ISSN: 1875-5992 (Online), 2018-2019; ISSN: 1871-5206 (Print), **IF (2021): 2.527**; Thematic Issue: Natural bioactive compounds, vegetal extracts and modern pharmaceutical formulations: new insights into the anti-cancer mechanism of action
 - **Plants (MDPI)** (ISSN 2223-7747), **IF (2021): 4.658**; Thematic Issue: Natural compounds – successful solutions for the medical challenges of the 21st Century
 - **Plants (MDPI)** (ISSN 2223-7747), **IF (2022): 4.658**; Thematic Issue: Natural compounds – successful solutions for the medical challenges of the 21st Century-Part II
 - **Plants (MDPI)** (ISSN 2223-7747), **IF (2023): 4.5**; Thematic Issue: Therapeutic Potential of Natural Compounds: *In Vitro* and *In Vivo* Approaches
 - **Antioxidants (MDPI)**, (ISSN 2076-3921) **IF (2024): 6**; Thematic Issue: Natural Antioxidants in Pharmaceuticals and Dermatocosmetology
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Member of the editorial board for ISI journals indexed in international databases:

- **Clinical Cancer Drugs**, ISSN: 2212-6988 (Online); ISSN: 2212-697X (Print) (Bentham Science)
-

Guest editor for books published in international publishers:

- **„Bioactive Compounds in Nutraceutical and Functional Food for Good Human Health”,** Eds Kavita Sharma, Kanchan Mishra, Kula Kamal Senapati, **Danciu Corina**, ISBN (Print): 978-1-83880-887-7, ISBN (Online): 978-1-83880-888-4, 07 Aprilie 2021, **Editura Intech**, Rijeka: Janeza Trdine 9, 51000 Rijeka, Croatia; London: 5 Princes Gate Court, London, SW7 2QJ, UK
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Appendix 1

List of publications - Prof. univ. dr. farm. Corina Danciu

Books/chapters in national/international publishers:

1. **Corina Danciu** - Implicațiile fitoestrogenilor cu structură izoflavonoidică în recuperarea leziunilor tegumentare de tip melanom malign, Editura Victor Babeș, 2013, ISBN 978-606-8456-05-8
2. Cristina Adriana Dehelean, **Corina Danciu**, Georgeta Maria Simu, Codruța Marinela Șoica- Elemente de metodologia cercetării științifice, Editura Victor Babeș, 2013, ISBN 978-606-8456-13-3
3. **Corina Danciu**, Cristina Dehelean, Codruta Soica- Natural Compound Genistein: From Consecrated to New Utilizations and Formulations, in Biotechnology - Drug Discovery, Vol.7, Chapter 2, pp 43-61, Series ISBN: 1-62699-022-0, Vol. ISBN:1-62699-015-8, 2014, Studium Press, LLC, USA
4. Codruța Șoica, Cristina Trandafirescu, Florin Borcan, **Corina Danciu**, Georgeta Simu, Cristina Dehelean-Nanoformulations with cyclodextrins as carriers for skin targeting of active drugs, in Biotechnology- Novel Drug Delivery, Vol. 8, pag 29-56, Series ISBN: 1-62699-015-8, Vol. ISBN No.: 1-62699-023-9, 2014, Studium press LLC, USA
5. **Corina Danciu**, Stefana Avram, Ioana Zinuca Pavel- Farmacognozie- Partea I, Editura Victor Babeș, 2015, ISBN 978-606-8456-44-7
6. **Corina Danciu**, Stefana Avram, Ioana Zinuca Pavel- Farmacognozie- Partea I- Format electronic, Editura Victor Babeș, 2015, ISBN 978-606-8456-58-4
7. **Corina Danciu**- Pharmacognosie. Notes de cours- Partie I, Editura Victor Babeș, 2015, ISBN 978-606-8456-74-4
8. Stefana Avram, **Corina Danciu**, Ioana Zinuca Pavel- Farmacognozie- Partea II, Editura Victor Babeș, 2017, ISBN 978-606-786-031-3
9. **Corina Danciu**, Codruta Soica, Diana Antal, Alexandra Popescu, Stefana Avram, Roxana Ghiulai, Ioana Zinuca Pavel, Daliana Minda, Cristina Dehelean- An update of natural compounds and their modern formulations for the management of malignant melanoma, "Phytochemistry - Natural Products and Cancer", Ed. Farid A. Badria ,ISBN 978-953-51-3314-8, Print ISBN 978-953-51-3313-1, Intech, 211-253, 2017
10. **Corina Danciu**, Suciuc Oana, Diana Simona Antal , Florina Ardelean , Aimée Rodica Chiș , Codruța Șoica , Florina Andrica, Cristina Dehelean, Brigitha Vlaicu - New insights regarding the potential health benefits of isoflavones, "Flavonoids", Ed. José Justino ,ISBN 978-953-51-5338-2, Intech , 257-286 ,2017
11. Stefana Avram, Roxana Ghiulai, Ioana Zinuca Pavel, Marius Mioc, Roxana Babuta, Mirela Voicu, Dorina Coricovac, **Corina Danciu**, Cristina Dehelean, Codruta Soica- Phytocompounds targeting cancer angiogenesis using the chorioallantoic membrane assay, "Phytochemistry - Natural Products and Cancer", ISBN 978-953-51-3314-8, Print ISBN 978-953-51-3313-1, Intech 2017
12. Codruta Soica, Diana Antal, Florina Andrica, Roxana Babuta, Alina Moaca, Florina Ardelean, Roxana Ghiulai, Stefana Avram, **Corina Danciu**, Dorina Coricovac, Cristina Dehelean- Lupan- skeleton pentacyclic triterpenes with activity against skin cancer:preclinical trials evolution, "Unique Aspects of Anti-cancer Drug Development", ISBN 978-953-51-3348-3, Print ISBN 978-953-51-3347-6, Intech 2017
13. Codruta Soica, Iulia Pinzaru, Cristina Trandafirescu, Florina Andrica, **Corina Danciu**, Marius Mioc, Dorina Coricovac, Cassian Sitaru, Cristina Dehelean-Silver, gold and iron based metallic nanoparticles: biomedical applications as therapeutic agents for cancer, p161-241 in Design of nanostructures for theranostics applications, Ed.AM Grumezescu, Elsevier 2018, ISBN-978-0-12-813669-0
14. **Corina Danciu**, Diana Antal, Stefana Avram, Valentina Buda, Ioana Zinuca Pavel, Daliana Minda, Florina Ardelean, Mirela Nicolov, Cristina Dehelean. Essential Mineral Elements: Macronutrients and Micronutrients from Herbs in Human Health- Phytochemicals: Plant Sources and Potential Health Benefits,Ed. Iman Ryan, Series: Plant Science Research and Practices, ISBN: 978-1-53615-478-8, Nova Science Publishers, Inc. , New York, USA, 2019
15. Ursula Stănescu (editor), Monica Hâncianu, Cerasela Elena Gîrd- Farmacognozie. Produse

vegetale cu substanțe bioactive. **Corina Danciu**- Capitol: Produse vegetale care conțin izoflavone, Editura Polirom, Iași, 2020, ISBN-978-973-46-7996-6

16. Valentina Buda, Minodora Andor, Antal Diana, Florina Ardelean, Ioana Zinuca Pavel, Cristina Dehelean, Codruta Soica, Roxana Folescu, Felicia Andrei, **Corina Danciu**, Cardioprotective Effects of Cultivated Black Chokeberries (*Aronia* spp.): Traditional Uses, Phytochemistry and Therapeutic Effects, DOI: 10.5772/intechopen.92238, Intech 2020

ISI Thomson Reuters papers:

1. **Corina Tiulea**, Camelia Peev, Diana Brezovan, Cristina Dehelean, Andrei Motoc- A comparison regarding antiproliferative action between soy total extract and genistein, Rom. J. Morphol. Embryol., 52(3 suppl):1065-1069 2011, Impact factor 0,523

2. **Corina Danciu**, Codruta Soica, Erzsebet Csanyi, Rita Ambrus, Stefana Feflea, Camelia Peev, Cristina Dehelean - Changes in the anti-inflammatory activity of soy Isoflavonoid genistein versus genistein incorporated in two types of cyclodextrin derivatives, Chem Cent J, 6: 58, doi:10.1186/1752-153X-6-58, 2012, Impact factor 1,312.

3. Codruța Soica, Cristina Dehelean, **Corina Danciu**, Hai Ming Wang, Gerhard Wenz, Rita Ambruș, Florina Bojin, Mariana Anghel- Betulin Complex in γ -Cyclodextrin Derivatives: Properties and Antineoplastic Activities in In Vitro and In Vivo Tumor Models, Int. J. Mol. Sci., 13: 14992-15011; doi:10.3390/ijms131114992, 2012, Impact factor 2,464

4. **Corina Danciu**, Florin Borcan, Florina Bojin, Istvan Zupko, Cristina Dehelean- Effect of the Isoflavone Genistein on Tumor Size, Metastasis Potential and Melanization in a B16 Mouse Model of Murine Melanoma, Nat. Prod. Comm., 8(3):343-346, 2013, Impact factor 0,924

5. **Corina Danciu**, Alexandra Falamas, Cristina Dehelean, Codruta Soica, Heinfried Radeke, Lucian Barbu-Tudoran, Florina Bojin, Simona Cîntă Pînzaru, Melania F Munteanu- A characterization of four B16 murine melanoma cell sublines: molecular fingerprint and proliferation behavior, Cancer Cell Int, 13:75, doi:10.1186/1475-2867-13-75, 2013, Impact factor 1.989

6. **Corina Danciu**, Codruta Soica, Mircea Oltean, Stefana Avram, Florin Borcan, Erzsebet Csanyi, Rita Ambrus, Istvan Zupko, Delia Muntean, Cristina Adriana Dehelean, Marius Craina, Ramona A. Popovici- Genistein in 1:1 inclusion complexes with ramified cyclodextrins: theoretical, physicochemical and biological evaluation, Int J Mol Sci. 2014 Jan 27;15(2):1962-82. doi: 10.3390/ijms15021962, Impact factor 2,862

7. Codruta Soica, **Corina Danciu** (corresponding author), Savoiu-Balint G, Florin Borcan, Rita Ambrus, Istvan Zupko, Florina Bojin, Dorina Coricovac, Sorina Ciurlea, Stefana Avram, Cristina Adriana Dehelean, Tudor Olariu, Petru Matusz - Betulinic acid in complex with a gamma-cyclodextrin derivative decreases proliferation and in vivo tumor development of non-metastatic and metastatic B16A5 cells., Int J Mol Sci. 2014 May 9;15(5):8235-55. doi: 10.3390/ijms15058235, Impact factor 2,862

8. Soica Codruta, Camelia Oprean, Borcan Florin, **Danciu Corina**, Trandafirescu Cristina, Coricovac Dorina, Crăiniceanu Zorin, Dehelean Cristina Adriana, Munteanu Melania-The synergistic biologic activity of oleanolic and ursolic acids in complex with hydroxypropyl- γ -cyclodextrin., Molecules. 2014 Apr 17;19(4):4924-40. doi: 10.3390/molecules19044924, Impact factor 2,416

9. Soica Codruta, Trandafirescu Cristina, **Danciu Corina**, Muntean Delia, Dehelean Cristina, Simu Georgeta- New Improved Drug Delivery Technologies for Pentacyclic Riterpenes: A Review, Protein and peptide letters, 21 (11):1137-1145, 2014, Impact factor 1,068

10. **Corina Danciu**, Dorina Elena Coricovac, Codruta Soica, Victor Dumitrascu, Georgeta Simu, Diana Antal, Kemeny Lajos, Cristina A. Dehelean, Florin Borcan- Evaluation of skin Physiological Parameters in SKH1,Mice Experimental Model after Exposure to Aggressive, Factors like UVB using Non-invasive Methods, Revista de Chimie, 65 (10), 2014, Impact factor 0,810

11. Cristina Trandafirescu, Diana Antal, Codruta Soica, Istvan Zupko, Renata Minorics, Rita Ambrus, Florin Borcan, Camelia Oprean, **Corina Danciu**, Stefana Avram, Cristina Dehelean, Simona Nita, Lavinia Vlaia- Cyclodextrin Complexes of Oleanolic and Ursolic Acid Physicochemical and biological preliminary evaluation, Revista de Chimie, 65 (10), 2014, Impact factor 0,810

12. Diana Simona Antal, Dorina Coricovac, Codruta Marinela Soica, Florina Ardelean, Iulia Panzaru, **Corina Danciu**, Vicentiu Vlaia, Claudia Toma- High Cadmium Content in Wild-

Growing Medicinal Plants from South-Western Romania Unexpected Results of a Survey on 29 Species, *Revista de Chimie*, 65 (9), 2014, Impact factor 0,810

13. **Danciu Corina**, Caraba Alexandru, Bojin Florina, Soica Codruta, Simu Georgeta, Ciurlea Sorina, Peev Camelia, Citu Ioana Mihaela, Panzaru Iulia - Genistein does not induce caspase 2 activation in vitro on B16 melanoma cell lines, *Revista Farmacia*, 62(4),2014, Impact factor 1,005

14. **Danciu Corina**, Vlaia Lavinia, Fetea Florinela, Hancianu Monica, Coricovac Dorina Elena, Ciurlea Sorina, Șoica Codruta Marinela, Marincu Iosif, Vlaia Vicentiu, Dehelean Cristina Adriana, Trandafirescu Cristina.- Evaluation of phenolic profile, antioxidant and anticancer potential of two main representants of Zingiberaceae family against B164A5 murine melanoma cells, *Biol Res.*,48(1):1, 2015, Impact factor 1,328

15. **Danciu C**, Camelia Oprean, Dorina Elena Coricovac, Andreea Cioca, Anca Cimpean, Heinfried Radeke, Codruta Soica, Cristina Dehelean - Behaviour of four different B16 murine melanoma cell sublines: C57BL/6J skin, *Int J Exp Pathol.*, doi: 10.1111/iep.12114, 2015, Impact factor 2.125

16. Pfarr Kathrin*, **Danciu Corina*** (equal contribution), Arlt Olga, Neske Chistina, Dehelean Cristina, Pfeilschifter Josef M, Heinfried Radeke-Simultaneous and dose dependent melanoma cytotoxic and immune stimulatory activity of betulin, *PLoS One*. 2015 Mar 10;10(3):e0118802. doi: 10.1371/journal.pone.0118802. eCollection 2015, Impact factor 3,057

17. **Corina Danciu**, Codruta Soica, Cristina Dehelean, Istvan Zupko, Erzsebet Csanyi, and Iulia Pinzaru- Preliminary In Vitro Evaluation of Genistein Chemopreventive Capacity as a Result of Esterification and Cyclodextrin Encapsulation, *Analytical Cellular Pathology*, vol. 2015, Article ID 262930, 8 pages, 2015. doi:10.1155/2015/262930, Impact factor 0,459

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19. **Corina Danciu**, Marius Biris, Balázs Boglárka, Erzsebet Csanyi, Ioana Zinuca Pavel, Georgeta Pop, Codruta Soica, Lavinia Ceuta, Lucian Nita, Claudiu Morgovan, Dana Stoian- Pro-apoptotic effect of soy total extract incorporated in lyotropic liquid crystals formulation, *Revista de Chimie*, 66(7): 1038-1041, 2015, Impact factor 0,956

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